

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 17:22:23 ON 28 OCT 2003
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 27 OCT 2003 HIGHEST RN 609766-09-8
DICTIONARY FILE UPDATES: 27 OCT 2003 HIGHEST RN 609766-09-8

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STN Note 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

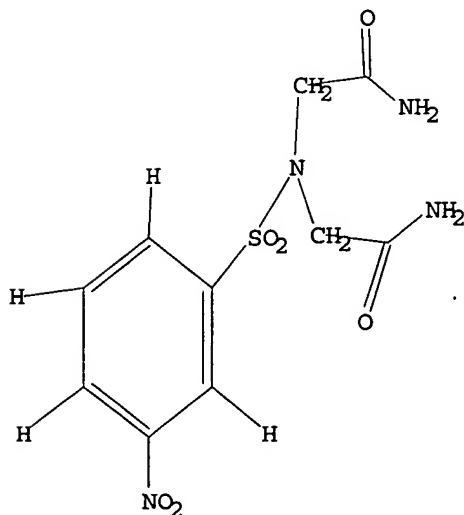
Uploading 10066356.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 17:22:42 FILE 'REGISTRY'

Habte

10/28/2003

SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5 TO 234
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 17:22:49 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 144 TO ITERATE100.0% PROCESSED 144 ITERATIONS
SEARCH TIME: 00.00.01

1 ANSWERS

L3 1 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
148.15	148.36

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 17:22:56 ON 28 OCT 2003
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FILE COVERS 1907 - 28 Oct 2003 VOL 139 ISS 18
FILE LAST UPDATED: 27 Oct 2003 (20031027/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 2 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:615581 CAPLUS

DOCUMENT NUMBER: 137:154951

TITLE: Preparation and purification of antiviral disulfonic acid disodium salt

INVENTOR(S): Iera, Silvio; Demerson, Christopher Alexander; Lunetta, Jacqueline Francesca; MacEwan, Michael; Francis, McMahon, Wayne Gregory; Mohan, Arthur G.; Papamichelakis, Maria; Potoski, John Richard; Wyeth, John, and Brother Ltd., USA

PATENT ASSIGNEE(S): PCT Int. Appl., 17 pp.

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002062769	A2	20020815	WO 2002-US2933	20020131
WO 2002062769	A3	20030424		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

TH RM: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2002151548 A1 20021017 US 2002-66356 20020131

PRIORITY APPLN. INFO.: US 2001-266124P P 20010202

OTHER SOURCE(S): CASREACT 137:154951

AB The antiviral compd. 4',4'-bis[4,6-bis[3-[[bis(carbamoyl)methyl-1-sulfamoyl]phenylamino] [1,3,5]triazin-2-ylamino]biphenyl-2,2'-disulfonic acid and its pharmaceutically acceptable salts is prepd. by (a) reacting 2-(3-nitrobenzenesulfonylamino)acetamide with ClCH₂CONH₂ in the presence of N,N-dimethylformamide and a base to form 2-[[carbamoylmethyl(3-nitrobenzenesulfonyl)amino]acetamide; (b) treating the 2-[[carbamoylmethyl(3-nitrobenzenesulfonyl)amino]acetamide with a reducing agent to form 2-[[3-aminobenzenesulfonyl]carbamoylmethylamino]acetamide; (c) treating the 2-[[3-aminobenzenesulfonyl]carbamoylmethylamino]acetamide with cyanuric chloride to give 2-[[4-[[4-[[bis(carbamoylmethylsulfamoyl)benzyl]-6-chloro-[1,3,5]triazin-2-ylmethyl]benzenesulfonyl]carbamoylmethylamino]acetamide; and (d) reacting the 2-[[4-[[4-[[bis(carbamoylmethylsulfamoyl)benzyl]-6-chloro-[1,3,5]triazin-2-ylmethyl]benzenesulfonyl]carbamoylmethylamino]acetamide with disodium salt of 4,4'-diamino-2,2'-biphenyldisulfonic acid.

IT 333430-58-3P

RL: IMP (Industrial manufacture); RCT (Reactant); PREP (Preparation);

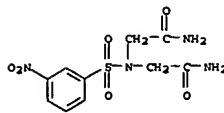
RACT (Reactant or reagent)

(prepn. and purifn. of antiviral disulfonic acid disodium salt)

RN 333430-58-3 CAPLUS

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

CN Acetamide, 2,2'-[[[(3-nitrophenyl)sulfonyl]imino]bis- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:279040 CAPLUS

DOCUMENT NUMBER: 135:116522

TITLE: The discovery of RFI-641 as a potent and selective inhibitor of the respiratory syncytial virus

AUTHOR(S): Nikitenko, A. A.; Raifeld, Y. E.; Wang, T. Z.

CORPORATE SOURCE: Chemical Sciences, Wyeth-Ayerst Research, Pearl River,

NY, 10965, USA

SOURCE: Bioorganic & Medicinal Chemistry Letters (2001),

11(8), 1041-1044

CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The design and synthesis of a new potent and selective inhibitor of the respiratory syncytial virus are described. This compd., RFI-641, emerged from anal. of the structure-activity relationship in a series of biphenyl triazine anionic compds. possessing specific anti-RSV activity. RFI-641 inhibited RSV in vitro and in vivo models.

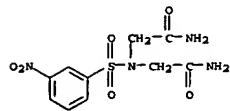
IT 333430-58-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(discovery of RFI-641 as inhibitor of respiratory syncytial virus)

RN 333430-58-3 CAPLUS

CN Acetamide, 2,2'-[[[(3-nitrophenyl)sulfonyl]imino]bis- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

10/066,356

Page 5

=> log y

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

9.49

157.85

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRY

TOTAL
SESSION

CA SUBSCRIBER PRICE

-1.30

-1.30

STN INTERNATIONAL LOGOFF AT 17:23:19 ON 28 OCT 2003